

What is claimed is:

5           1.       An uninterruptible power supply (UPS) socket, wherein the construction members of said UPS socket comprises a face panel, an upper cover, a socket member, a wiring insulation plate, a battery set, a print circuit board assembly, a detachable lower cover, a power cord lead and several components, wherein said upper and lower covers were connected via several electric conductive wires.

10           2. The UPS socket of claim 1, further comprising a print circuit board assembly, which consists of a power circuit board, a control circuit board and a surge protection circuit board.

15           3.       The UPS socket of claim 1, said power circuit board contains an AC/DC rectifier, a DC/DC inverter, a switch controller, a rechargeable charger, a DC/DC direct current bus booster, an output inverter and a computer transmission interface circuit.

20           4. The UPS socket of claim 1, said control circuit board contains a city electricity monitor, a charge controller, a DC/DC controller, an output inverter driver and a CPU.

            5. The UPS socket of claim 1, said surge protection board contains a set of surge suppression circuits.

6. The UPS socket of claim 2, said control circuit board and said surge protection circuit board are both in parallel and vertically inserted onto said power circuit board.